

1 / 18

FIG. 1

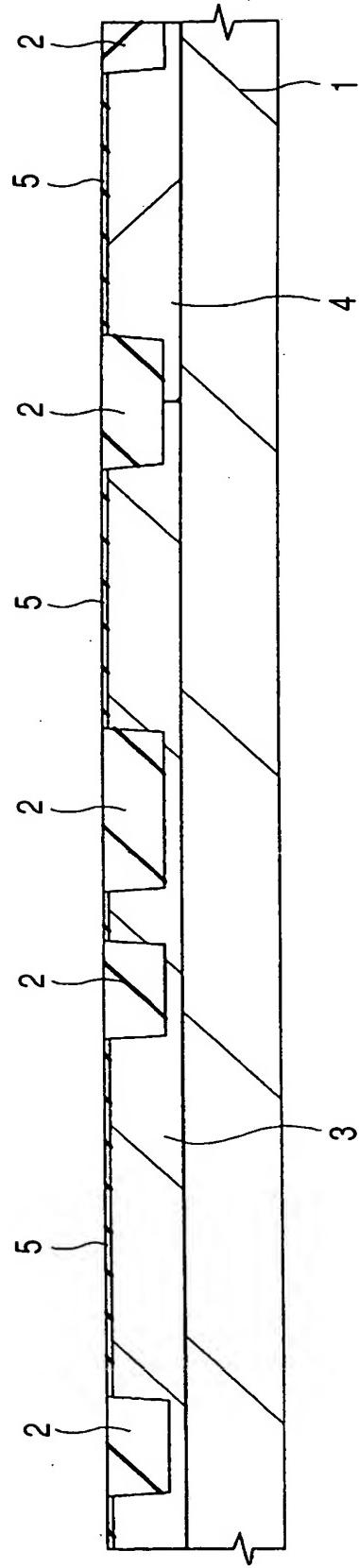
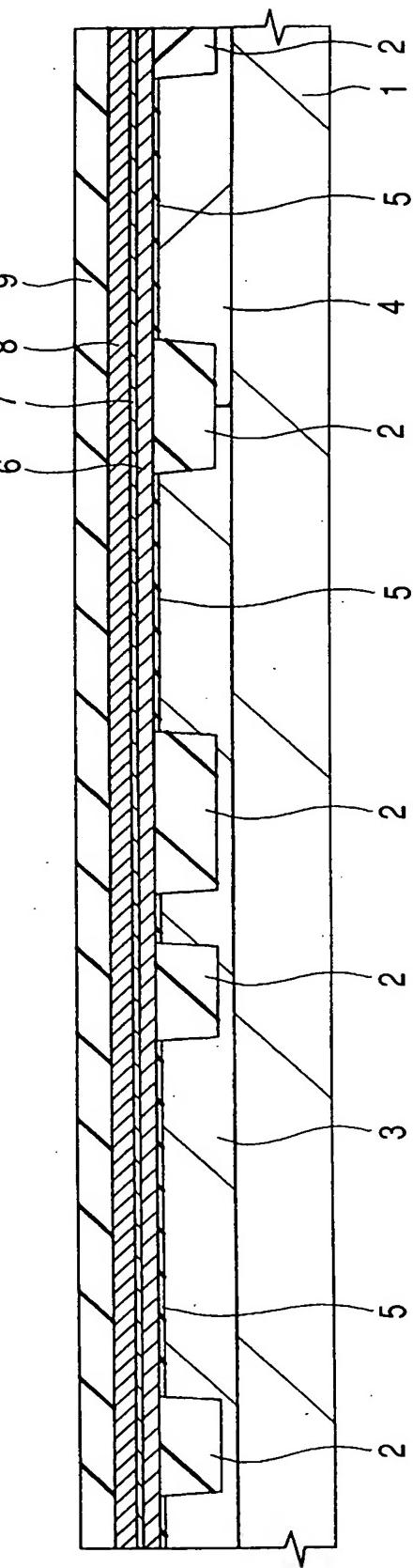
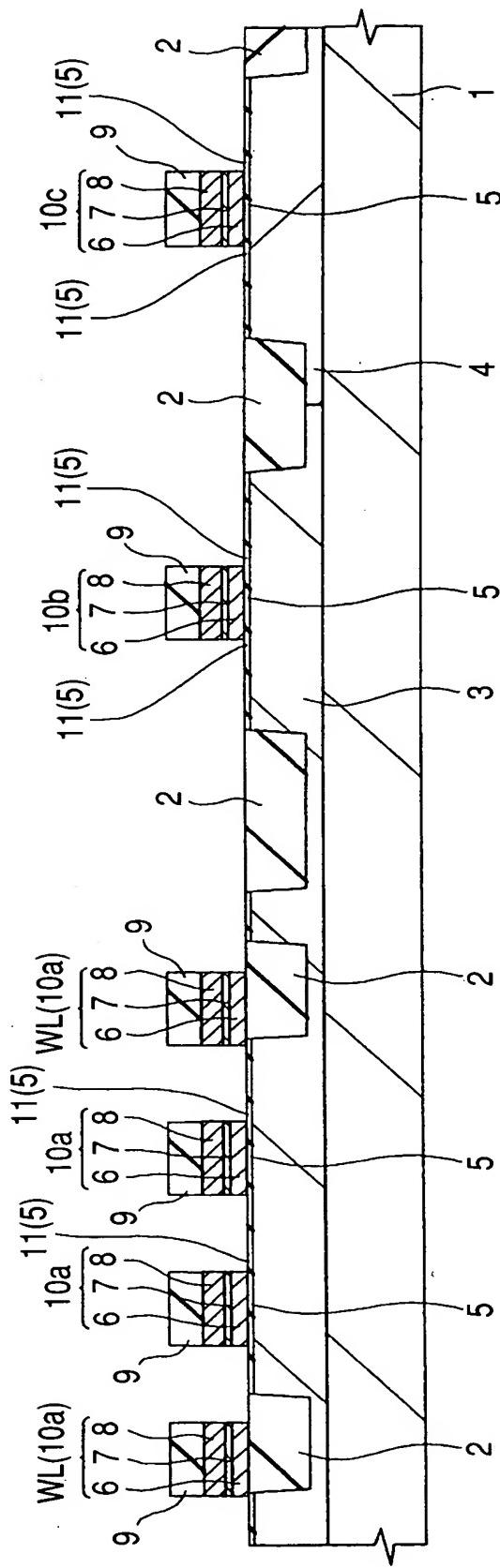


FIG. 2



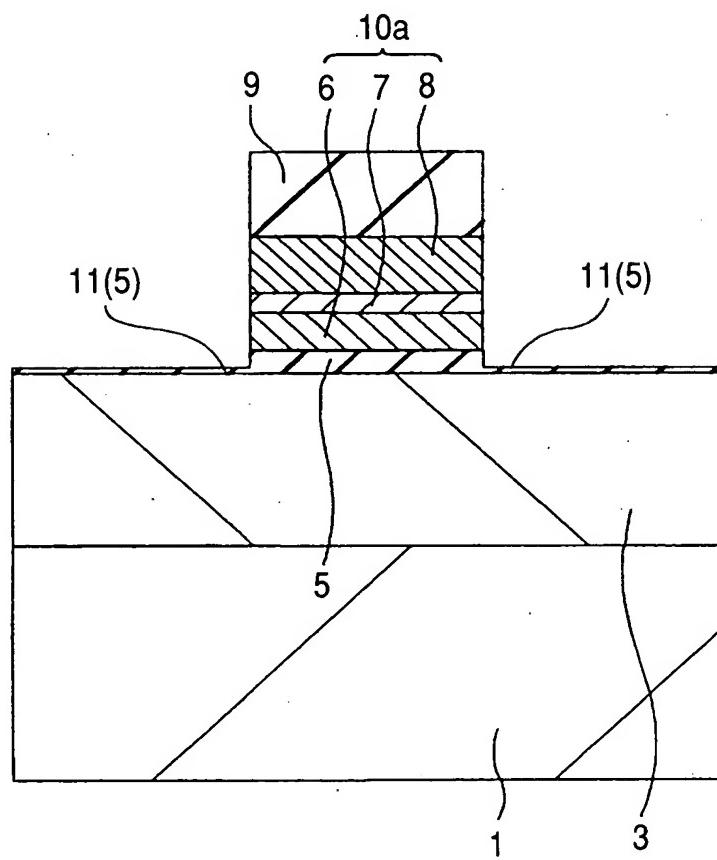
2 / 18

FIG. 3



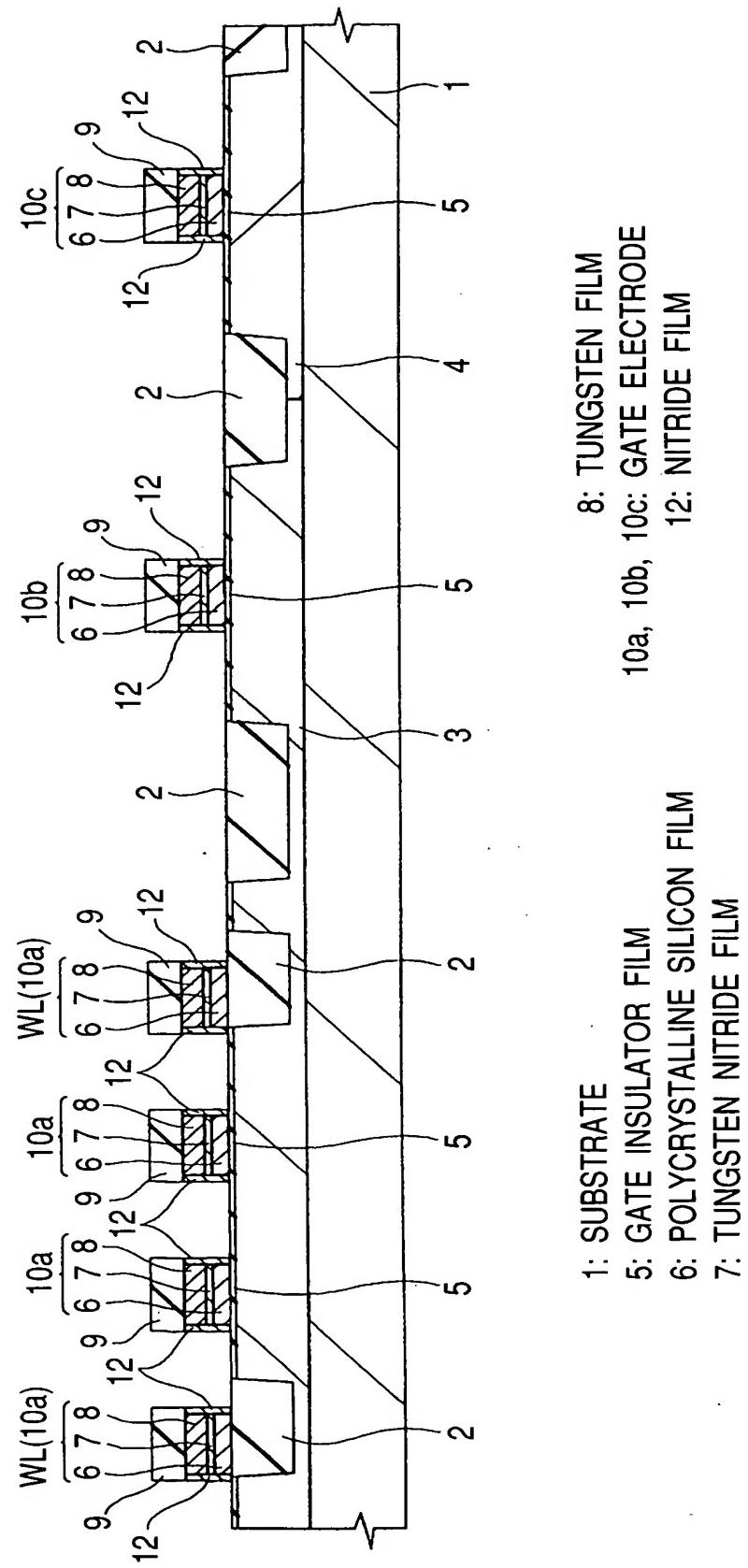
3 / 18

*FIG. 4*



4 / 18

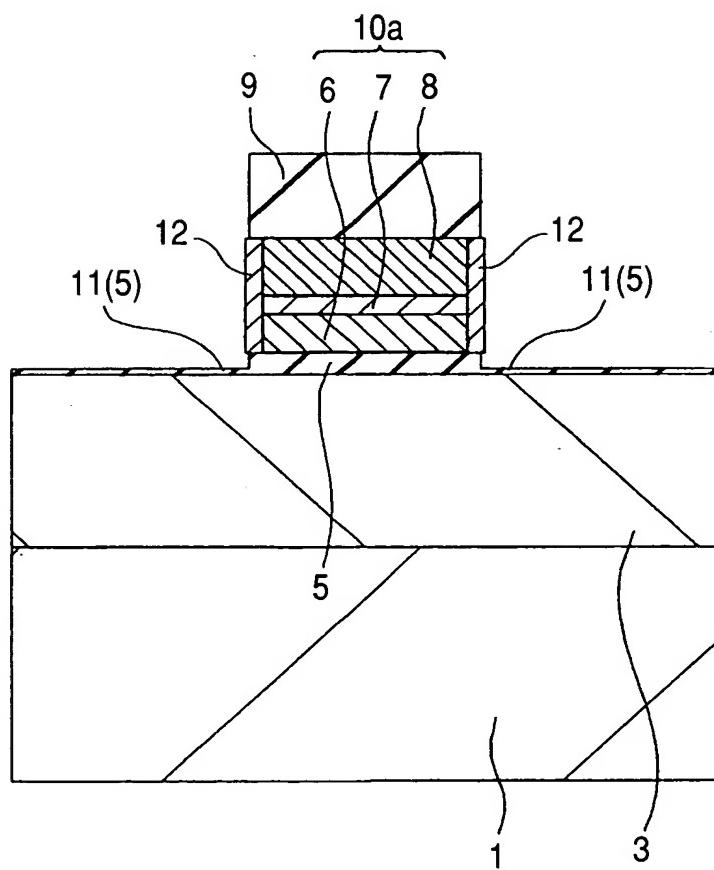
FIG. 5



- 1: SUBSTRATE
- 5: GATE INSULATOR FILM
- 6: POLYCRYSTALLINE SILICON FILM
- 7: TUNGSTEN NITRIDE FILM
- 8: TUNGSTEN FILM
- 10a, 10b, 10c: GATE ELECTRODE
- 12: NITRIDE FILM

5 / 18

*FIG. 6*



6 / 18

FIG. 7

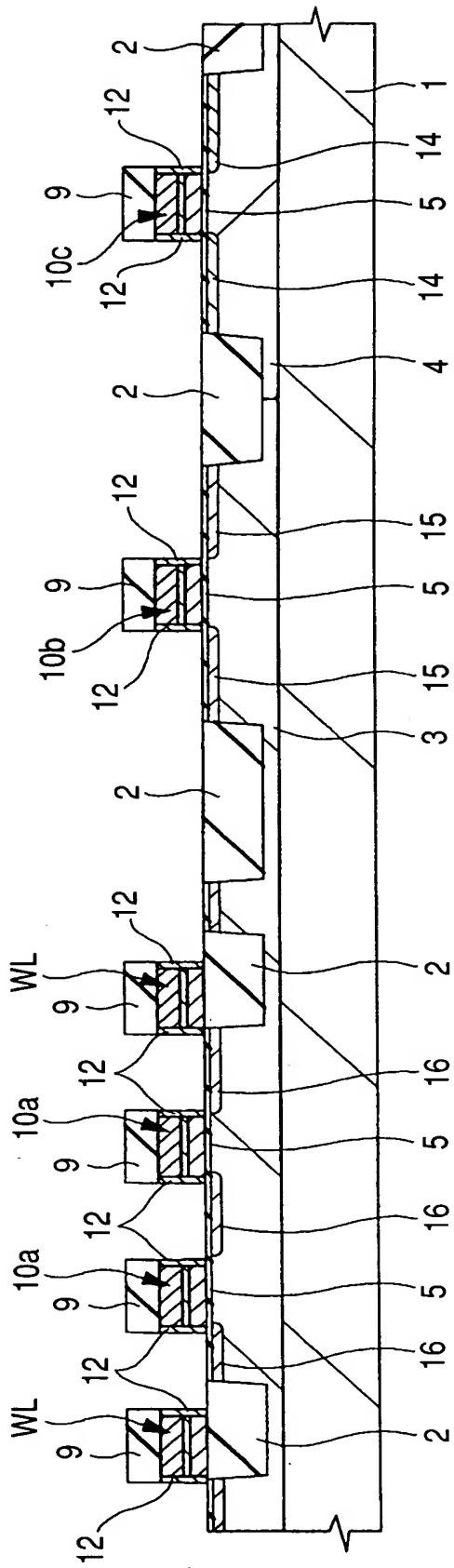
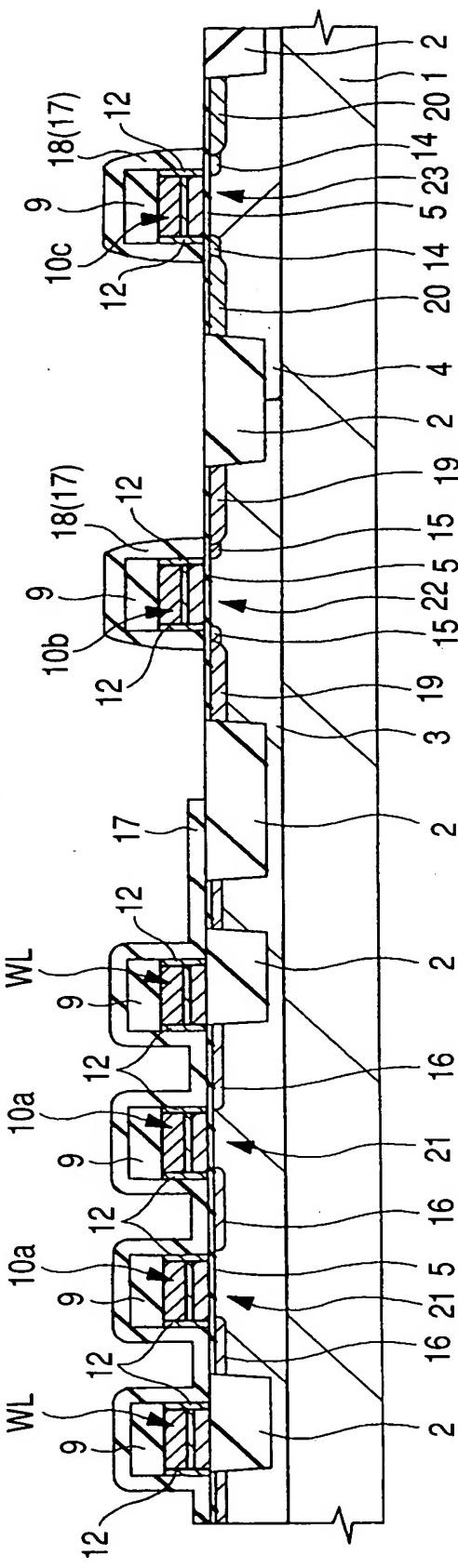


FIG. 8



7 / 18

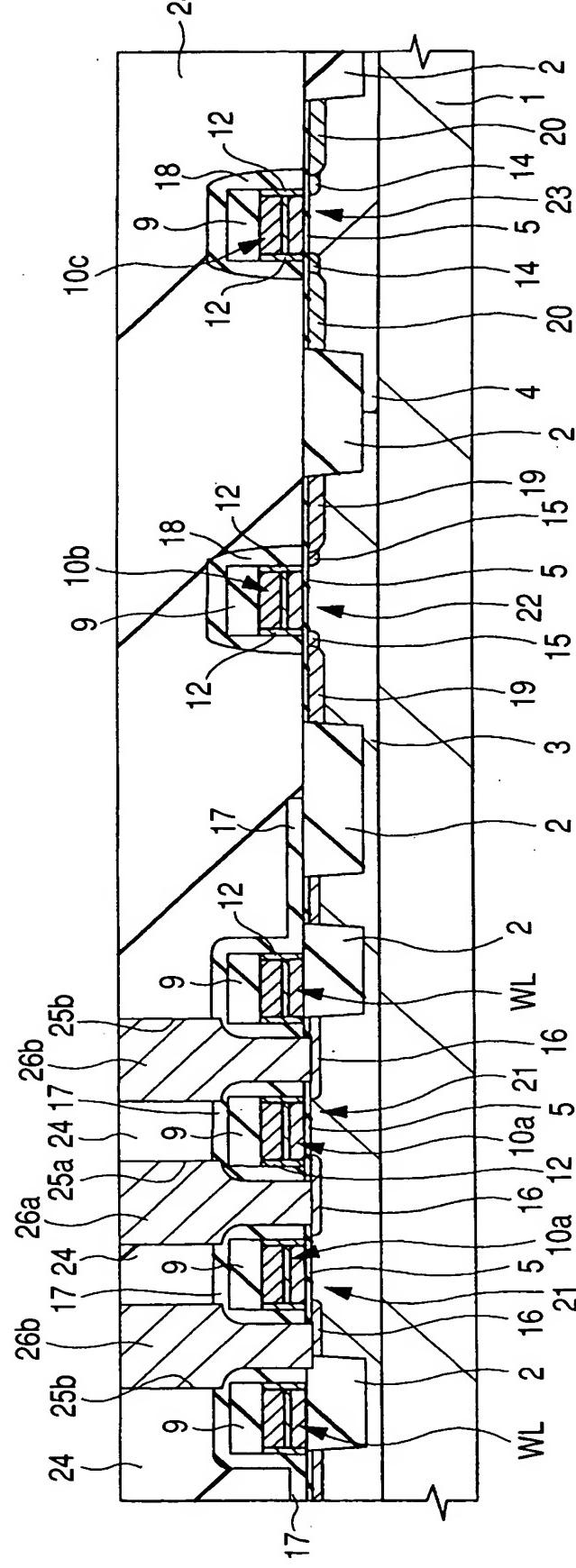
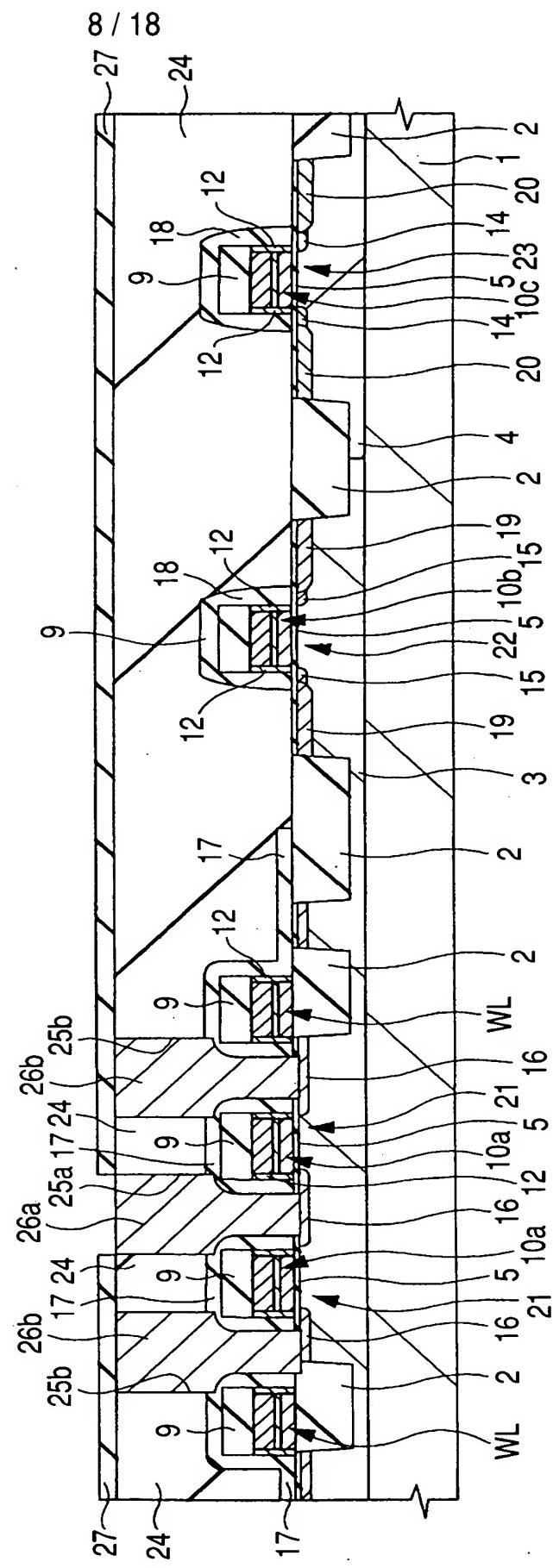


FIG. 9

FIG. 10



9 / 18

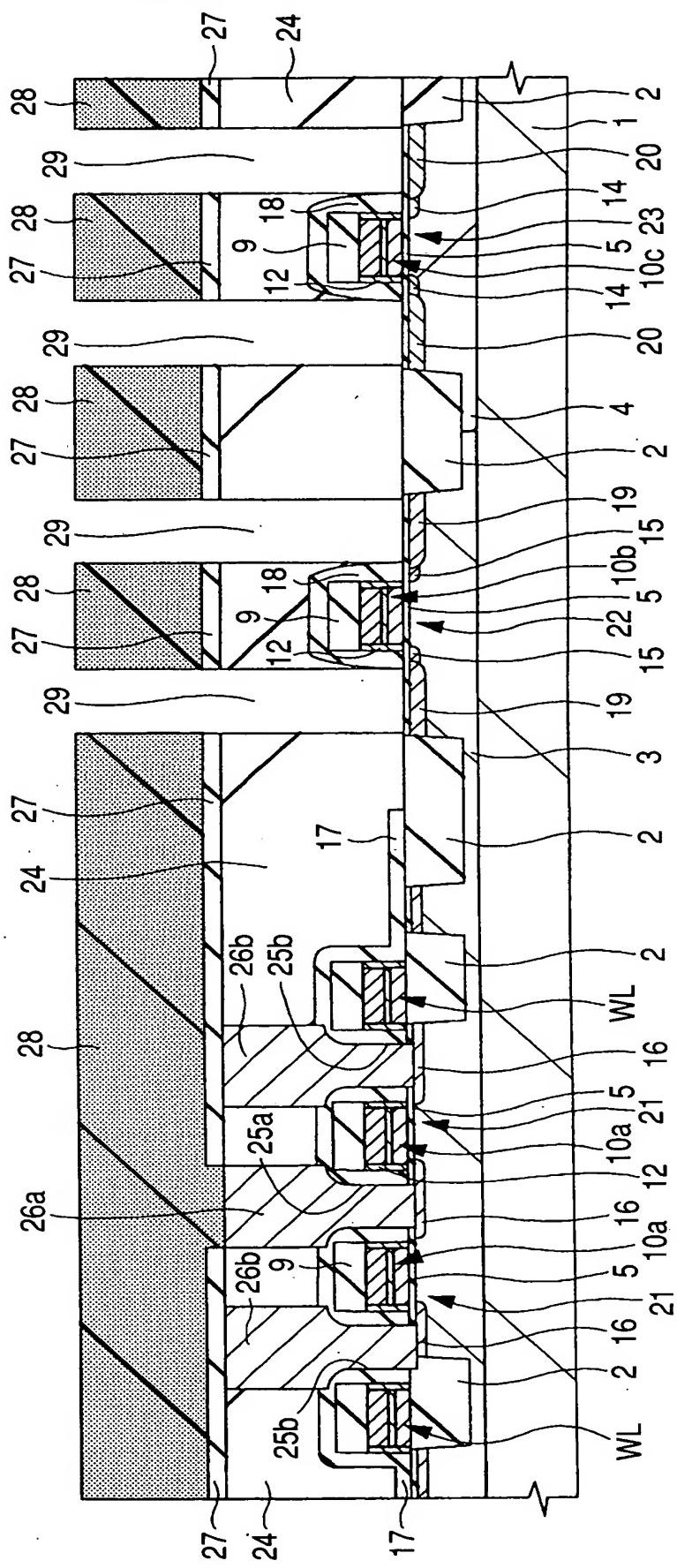


FIG. 11

10 / 18

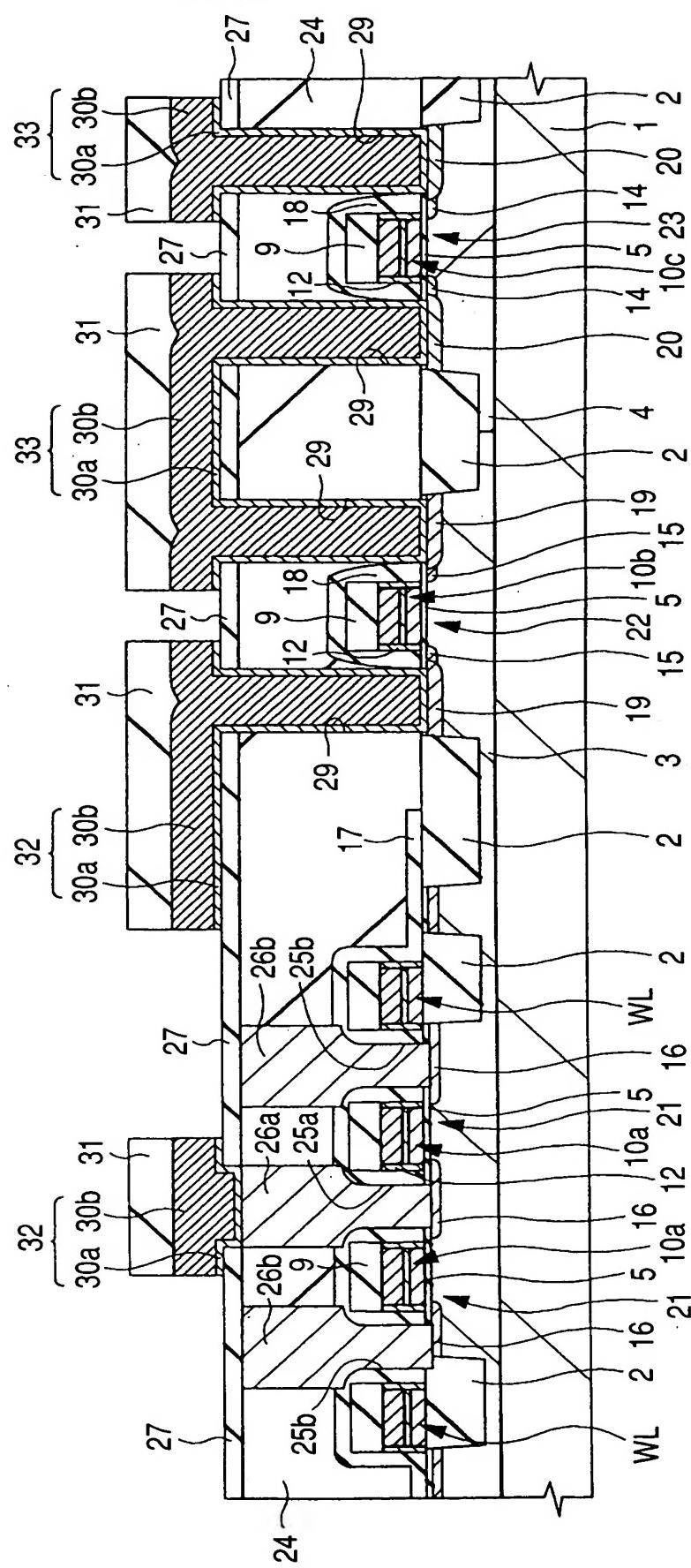
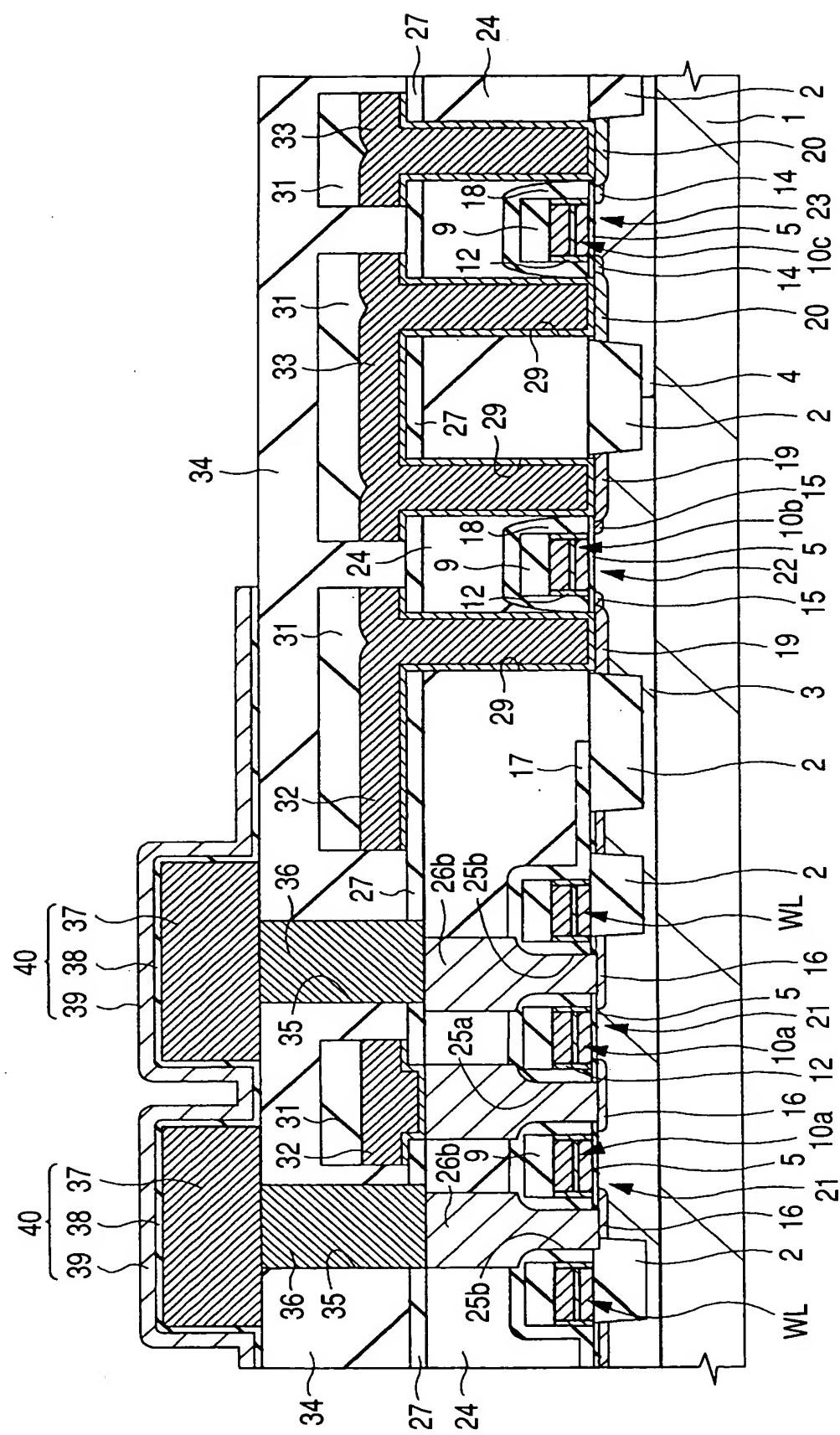


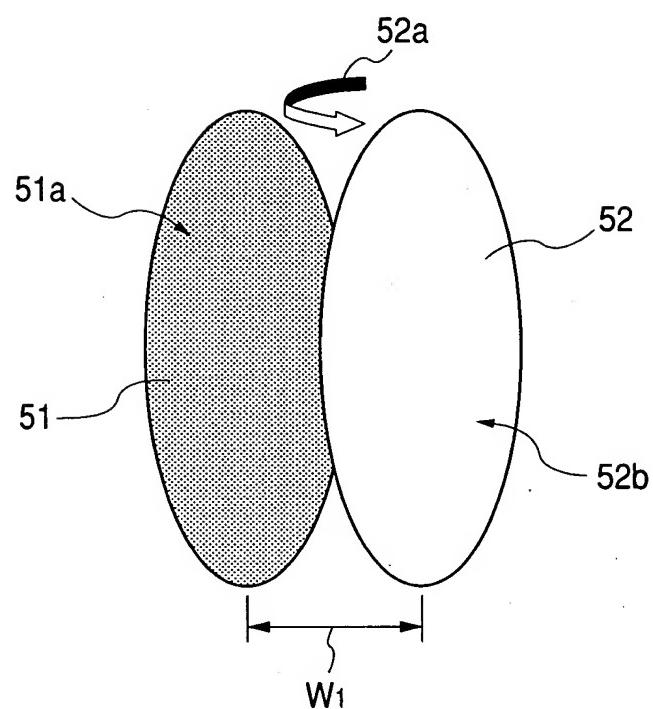
FIG. 12

11 / 18

FIG. 13



12 / 18

*FIG. 14*

13 / 18

FIG. 15

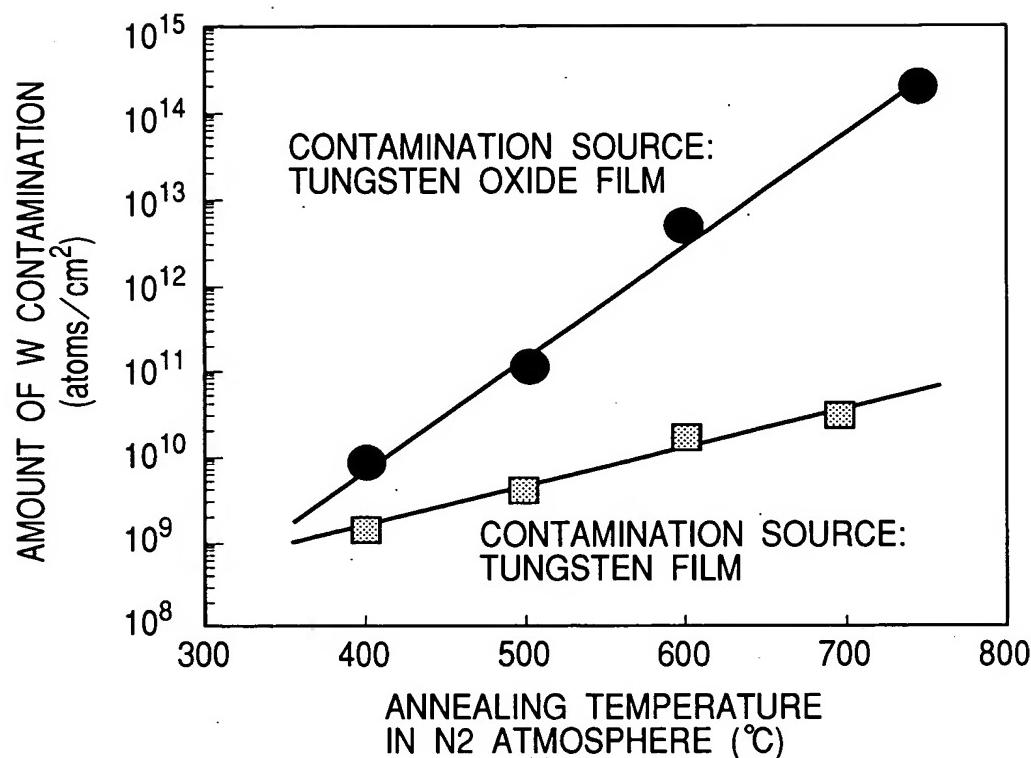
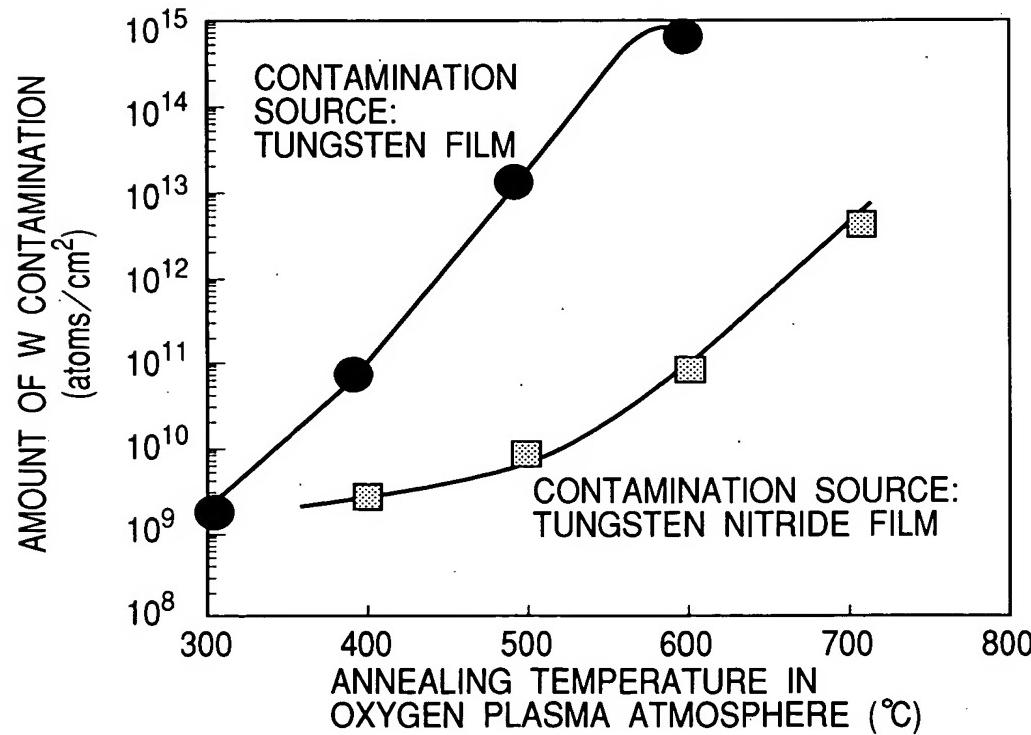
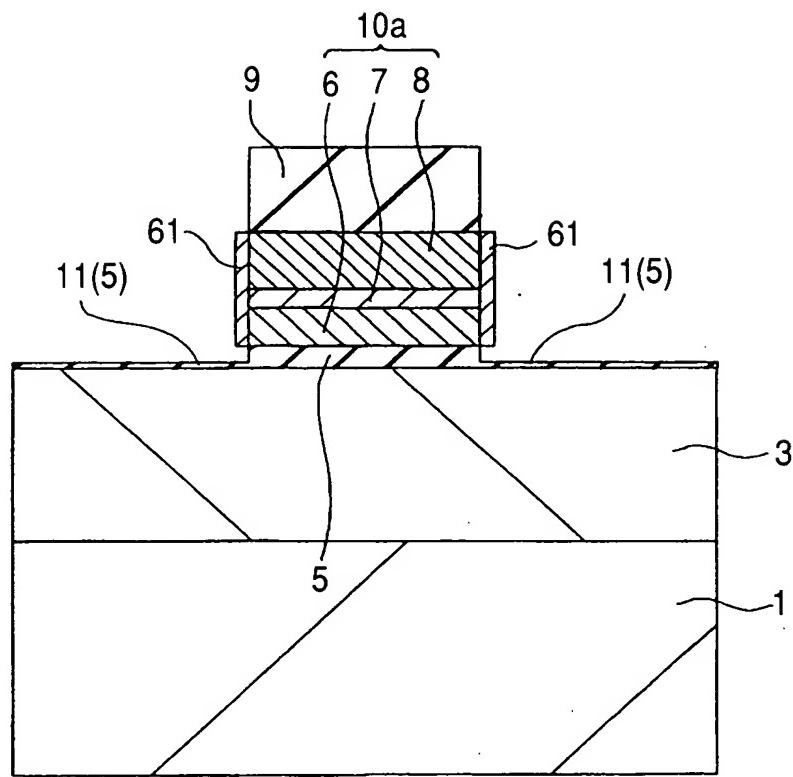
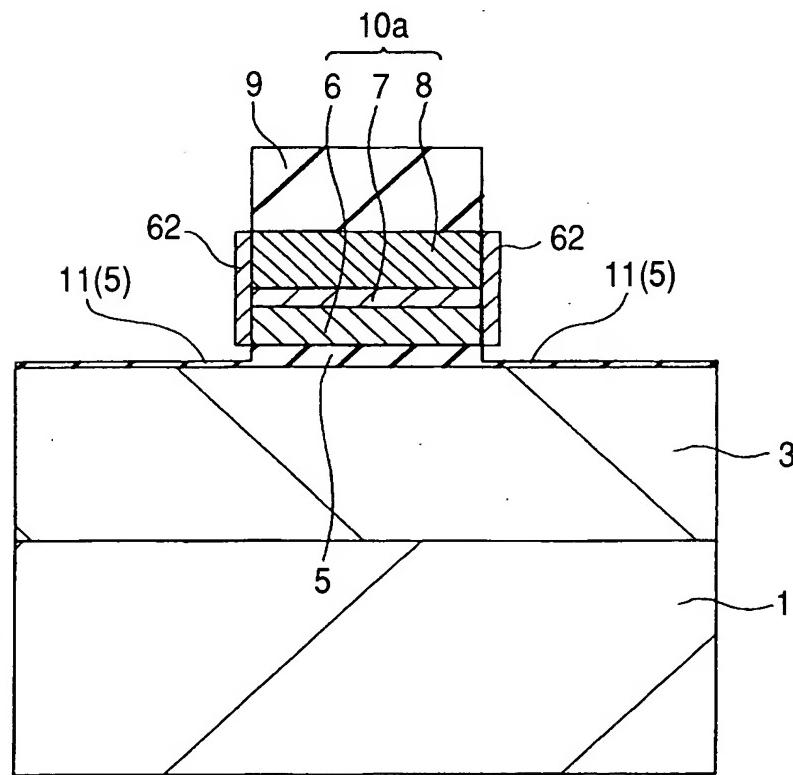


FIG. 16



14 / 18

**FIG. 17****FIG. 18**

15 / 18

FIG. 19

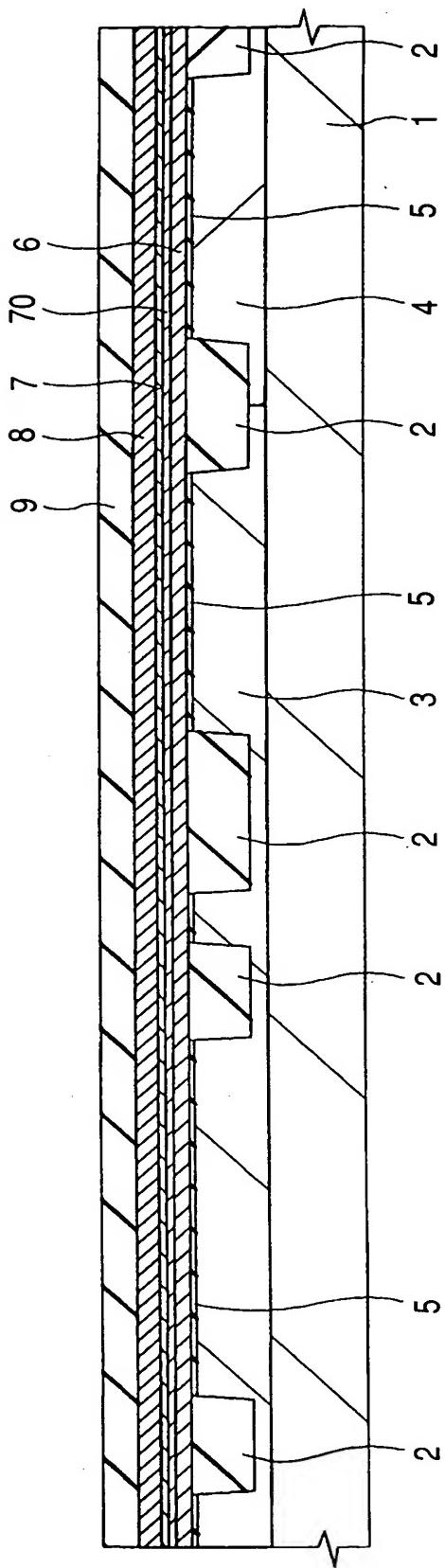
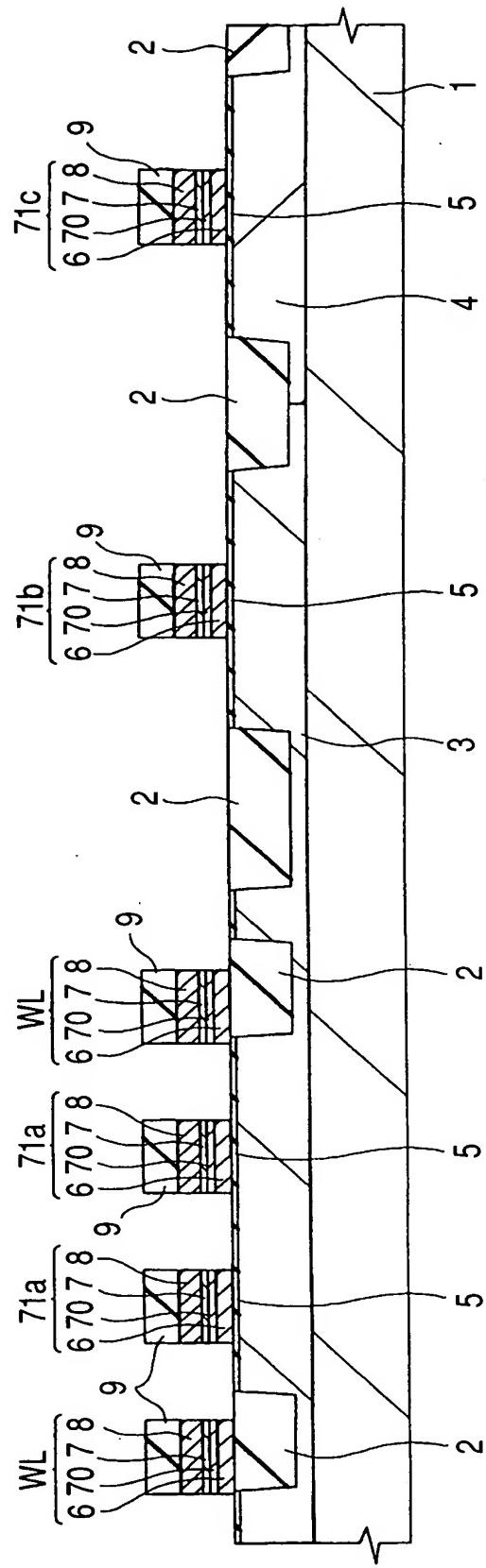
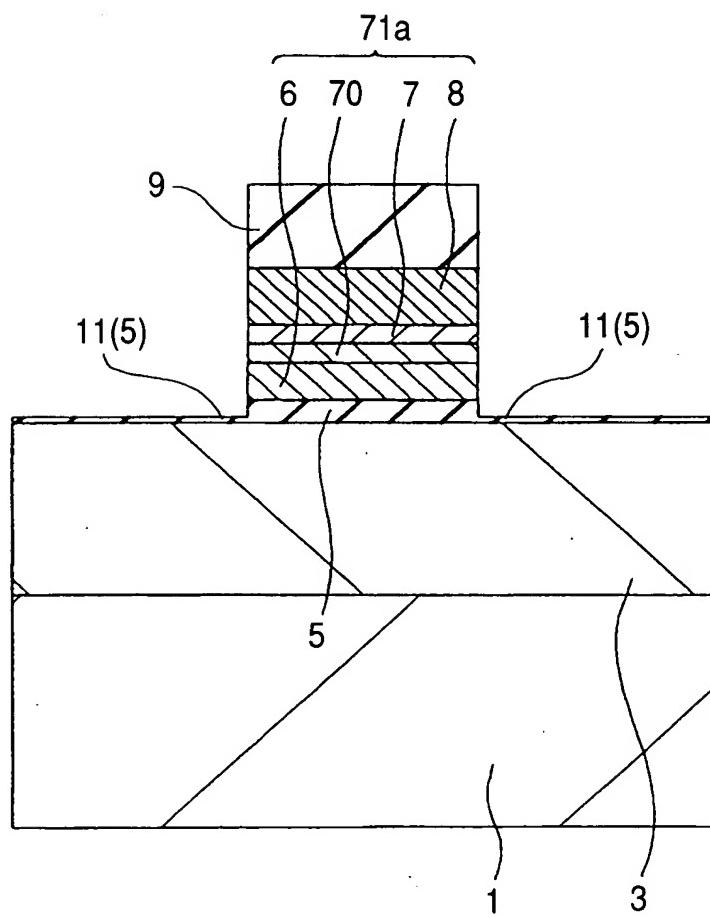


FIG. 20



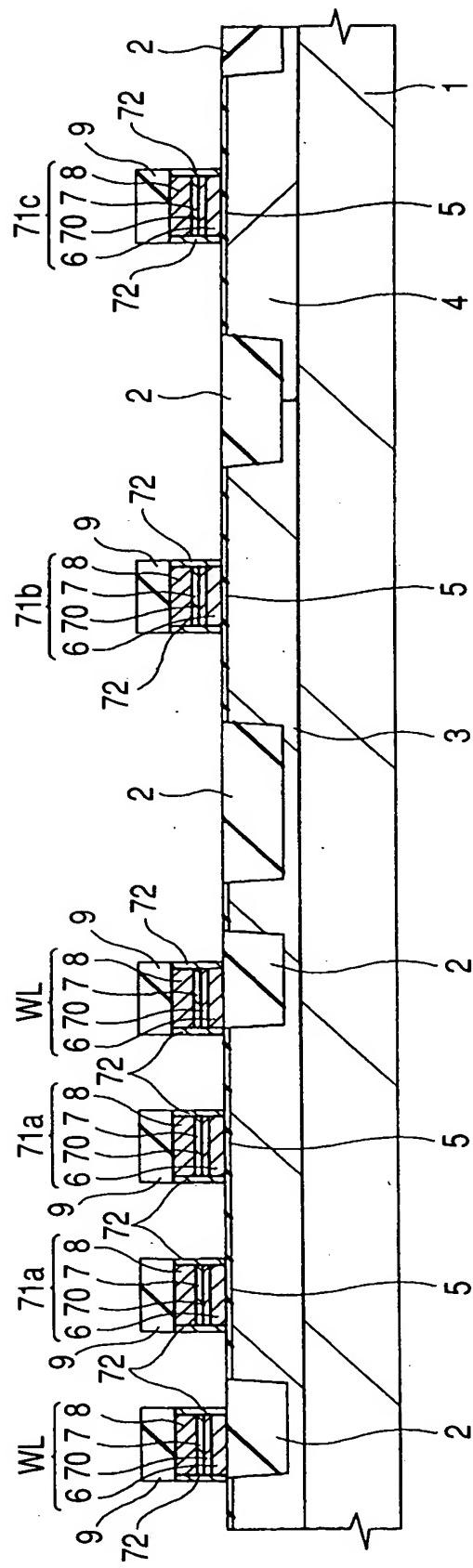
16 / 18

**FIG. 21**



17 / 18

FIG. 22



18 / 18

FIG. 23

